

Peter Paul Saldanha

Senior Cloud Engineer

20+ years of IT experience in the field of Network Operations and Projects, DevOps, AWS/Azure Cloud Infrastructure and Automation, Network Security and Monitoring



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SKILLS

AWS

AZURE

GIT

Kubernetes

Python

Azure DevOps

Jira

CI/CD

Terraform

AWS Direct Connect

Azure Express Route

Azure AD/RBAC/MFA

Azure Migrate

Network Security - Cisco Firepower/Checkpoint/Fortigate/ASA/Palo Alto

Load Balancers - F5, Netscaler, ALB, NLB, App Gateway, SDWAN

Monitoring - Grafana/AWS Cloudwatch/Azure Log Analytics/ Network Watcher

Cisco Router/Switches/Firewalls

F5 LTM/GTM/ASM

Linux/Windows

Bluecoat Proxy

ITIL

Project Management

Solar Winds

Service now

VPN

Juniper Pulse

Jenkins

Docker

Process Improvement

Problem Solving

Project Management

Scrum methodology



WORK EXPERIENCE

Senior Cloud Network Engineer

Standard Chartered -GBS

08/2022 - Present

Bangalore

Achievements/Tasks

- Consultation and Designing **AWS and Azure Cloud Network Infrastructure**.
- Build and Deploy Cloud Network Infrastructure for **Azure Platform Landing Zone using Terraform, GIT and ADO Pipeline**. **Created Design Documents, POC, TIP Testing and Test cases**. Followed Agile process using Scrum methodology, Daily stand-ups, Sprint planning, reviews and retrospectives.
- Experience in AWS to create, manage and configure services like **Direct Connect, Transit Gateways, VPC, VPN, EC2, ASG, ALB, IAM, S3, Route 53, NACL, Security Groups, NAT Gateways**.
- Experience in Azure to create, manage and configure services like **VWAN, Secure Hub, Firewalls, Express Route, Load balancer, Application Gateway, Private links, DNS, VNET, VM, VMSS, Database, NSG, ASG, AKS, RBAC, Azure Keyvault**
- Managed On-Prem to AWS and Azure connectivity. Consultation and designing connectivity requirements in Liaison with Service Providers. Deployed Hybrid DNS Solution for Azure using **Private DNS Resolvers**. Designed a multi-region AWS and Azure fault tolerant and scalable architecture to ensure Application uptime is 100%
- Monitoring, logging and troubleshooting using **Log Analytics workspaces, Network Watcher, AWS Cloud Watch, Grafana**.
- **Managing IPAM** for Cloud Infrastructure, IP Address sizing decisions, Allocation and Optimization of CIDRs.
- **Network Segmentation and Security Controls** - Deployed Security group controls using Azure Network Security Groups and AWS Security groups and made sure Network is 100% security compliant.
- Developing **Azure Policies** for Azure network resources as per Security standards. Worked on **Process Improvement** and **Cost Management** and Budgeting and reduced Infrastructure costs by 25%
- Involved in DC Migration to Azure to Migrate On-Prem Physical Servers, VM and SQL Servers. Created Discovery, Assessment, Replication and Migration using **Azure Migrate**.



WORK EXPERIENCE

Senior Principal Infrastructure Engineer

Mphasis Ltd.

12/2018 - 08/2022

Bangalore

Achievements/Tasks

- Technical lead (SME) for Network Engineers providing Operational support and guidance across multiple projects,
- Designed Azure Landing Zone for multiple subscription models. This involved design and implementation of Security, Remote access, proxy and DR solutions and On-Prem access in Azure.
- Created Project Design Documents (HLD and LLD), POC, Resource Build sheet, Bill of Materials, SOPs and run books.
- Configured Azure Active directory, AD Connect, RBAC and MFA setup using NPS server in Azure. Integrating MFA with all network devices and user Authentications.
- Experienced in Azure to create, manage and configure services like **,Express Route , Load balancer, DNS, VNET, VM, NSG, ASG, AKS, RBAC, Private links , NVAs (Pulse and Fortigate), Azure Key vault, AKS**
- Configured **FortiGate Firewalls** in Azure with High availability Active/passive configuration using SDN connect. Configured B2B IPSEC VPN tunnels on Azure FortiGate Firewalls and Implementing vendor connectivity using Azure Load balancers.
- Designed and implemented **Cisco Firepower Firewall** in Azure Network and migrated all the Application traffic through the firewall. Implementing Monitoring and backup solutions. Created inbound and outbound connections with Azure Load balancer for high availability,
- Designed and Implemented of **Zscaler proxy- ZIA and ZPA**, created IPSEC tunnels on FortiGate firewalls across multiple locations, integrated with Azure AD Server with MFA. Configured Zscaler policies for corporate servers and users.
- Worked on Incidents and Problem tickets and point of contact for the tickets related to Network. 100% SLA in managing tickets and 50% service improvements.
- Configured Azure backup/restore and Disaster recovery solutions at different region.

Senior Associate

JPMorgan Chase

11/2011 - 09/2018

Bangalore

Achievements/Tasks

- Consultation, design and execution of projects involving F5 load balancing-**LTM,GTM,ASM, Checkpoint/ASA firewalls**. Meeting with the project stakeholders, prepared scope of work, proposed creative solutions to best serve clients' needs.
- Worked on Vendor connectivity using **Juniper SSL VPN firewalls**. Profile and configuration management for different vendors,
- Worked on Certificate Management for load balancers using Symantec/Entrust. This involves new orders, renewals and bundle upgrades. Route-map changes on Nexus and Cisco devices for F5 SNAT support.
- PSAAS service offerings and policy changes involving configurations for **external load balancers, Bluecoat proxy and internal load balancers** and checkpoint firewall configurations.
- PAC file changes and policy push for external URL access, DMZ and Business Partner Socks changes for external connectivity,
- Worked on tickets for Network Operational issues and implementations. Established 100% SLA in handling tickets and 20 % improvements using process automation.

Senior Network Consultant

HCL COMNET LTD.

01/2006 - 10/2011

Bangalore

Achievements/Tasks

- Worked on Checkpoint firewall policy creation. Monitoring and troubleshooting.
- Involved in turn up for **1000 BNY retail branches**. This involved up gradation of bank network with High performance routers, switches and circuits. Interacting with circuit vendors (Verizon and AT&T) for link issues.
- Verify compliance of day-to-day Change Management processes of the Network Engineering group for **Implementation Quality Assurance (IQA) standards**. Change Management Processes include detailed configurations on Network Devices like Routers and Switches.
- Periodically review time consuming and repetitive verification tasks and automate them through the new Network Automation System, ONA (Opware Network Automation).
- Code up gradation of routers and switches.
- Worked on Vendor connectivity using **Juniper SSL VPN firewalls**. Profile and configuration management.



WORK EXPERIENCE

Senior Network Engineer

Pinnacle Computer Systems, Dubai, U.A.E

02/1999 - 01/2006

Dubai, UAE

Achievements/Tasks

- Ensured the proper design, implementation, managing, and support of all IT infrastructures and delivery of the services required for the managed clients.
- Ensured that incidents and requests from client infrastructure are handled along with escalated onsite technical support to perform complex software/hardware troubleshooting and resolutions according to agreed procedures and SLA.
- Analyzed complex business needs presented by the clients and recommends /designs technical solutions in the area of Systems /Networks /Security /Connectivity /Backup and support.
- Installation, configuration and troubleshooting of **CISCO routers and Switches**, PIX firewall, Checkpoint NG Series Firewalls, Cisco ASA, FWSM, Cisco IDSM, Cisco IDS, and Cisco ACS.
- Installation and configuration of **PIX 501/506/515 firewalls, Cisco 801/805/1700/2600 Series routers** for internet access for small to medium business solutions.
- Site to site VPN & remote access **VPN** using PIX 515 / 506, Cisco VPN Concentrators.
- Installation / Configuration and troubleshooting of Windows2000/2003 Servers, Active directory, Microsoft exchange, Lotus notes5.07/6.00, Netware 5.01/6.00, ISA server and migrations. Configuring Metaframe Citrix / NFuse to create server farm & application sets.
- Successfully completed network refresh and WAN solutions for following clients- **New Zealand Milk, Petrofac International, AGMC, CEMEX**. This involved planning and co-ordination across the global team for successful migration.

Support Engineer

IT People, U.A.E

10/1998 - 02/1999

Dubai, UAE.

Project: Infrastructure Migration project for Dubai Ports Authority (On contract)

Achievements/Tasks

- Supporting the migration efforts of Client systems and network.
- Maintenance of database-backup and recovery.
- Active Directory-Creating users and allocating user security and schema structures.
- Migration from Lotus Notes to Microsoft Exchange.
- Designing Test Cases and testing the software.
- Onsite Training for the clients on the applications developed, troubleshooting and user support.

Support Engineer

CMS Computers

04/1997 - 04/1998

Mumbai

Achievements/Tasks

- Resident Engineer for **Reliance**.
- Implementation and support of **IBM AS/400 system**.
- Setting up Desktops and OS ad software implementation.

Service Engineer

Topaz Sales Corporation

10/1995 - 12/1996

Mumbai

Achievements/Tasks

- Worked as Sales Engineer for selling **Pepperl+Fuchs** brand of Industrial products.
- Sales and service of Sensors, Zener safety barriers, Industrial valves and Equipment. Managed 25 customer calls per day and site visit.
- Provided technical troubleshooting and problem solving for clients with installed equipment or system issues.



EDUCATION

Executive MBA

Manipal University

10/2010 - 02/2013

Bangalore

Bachelor Of Engineering

NMAMIT, Nitte

Mangalore



CERTIFICATES

Microsoft Certified Azure Solution Architect Expert
(12/2020 - Present)

Microsoft Certified Azure Security Engineer
(07/2023 - Present)

AWS Certified Solution Architect-Professional (AWS-
CSAP) (05/2018 - 05/2024)

AWS Certified Solution Architect-Associate (AWS-
CSAA) (01/2018 - 05/2020)

Certified Kubernetes Administrator (CKA)
(12/2021 - Present)

Cisco Certifications (CCNA/CCNP/CCSP)
(05/2000 - 05/2003)

Machine Learning Advanced Certification from
Simplilearn

Microsoft Certified Azure Network Engineer
(07/2023 - 07/2025)

AWS Certified Advanced Networking - Speciality
(10/2023 - 10/2026)

AWS Certified DevOps Engineer - Professional (AWS-
CDEP) (10/2020 - 10/2023)

Hashicorp Certified Terraform Associate
(08/2022 - 08/2024)

Project Management Professional (PMP)
(06/2008 - Present)

Advance Python Training from Enthought Inc.